

## MEDIA SERVER 100

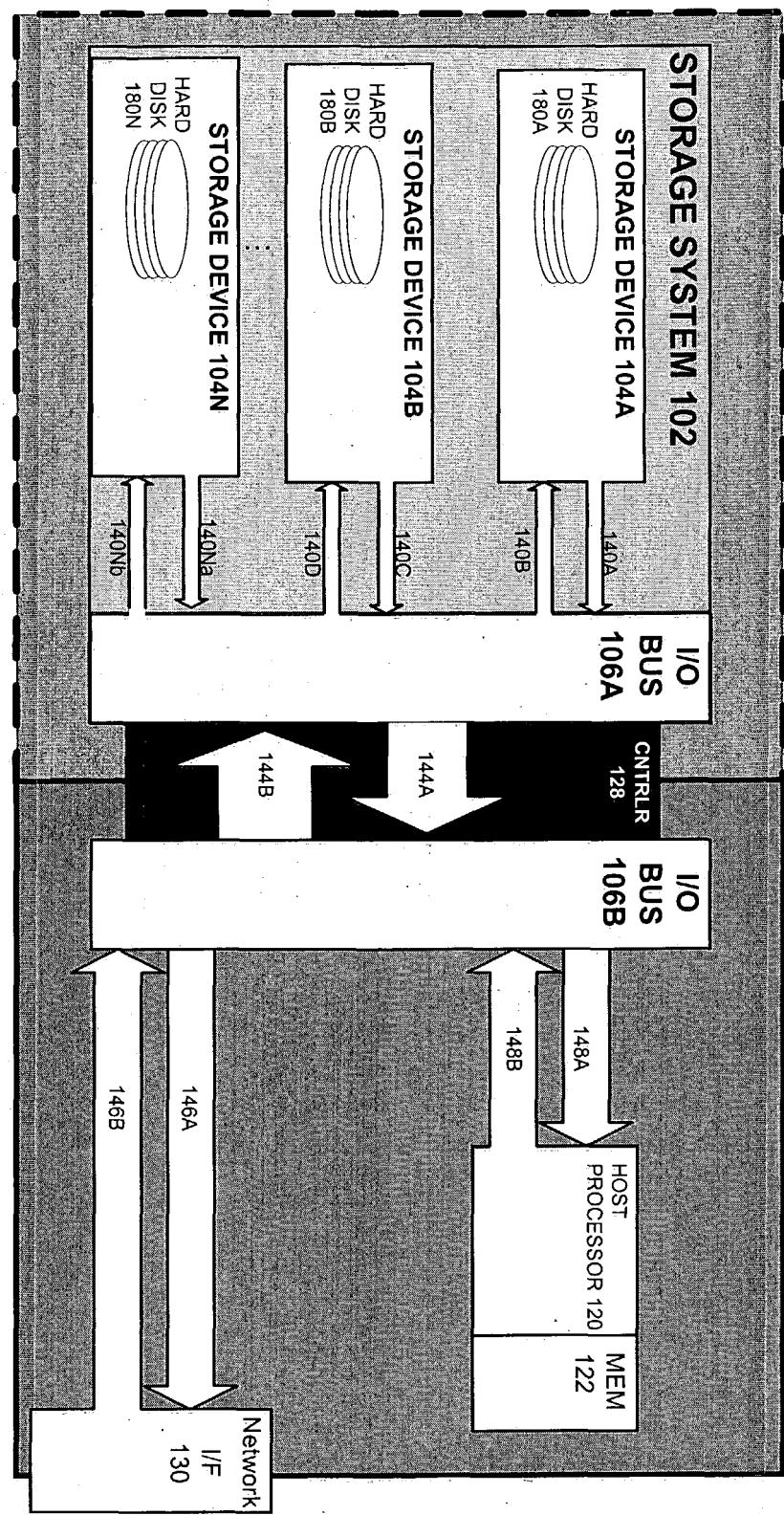


Figure 1  
Typical media server

MEDIA SERVER 100

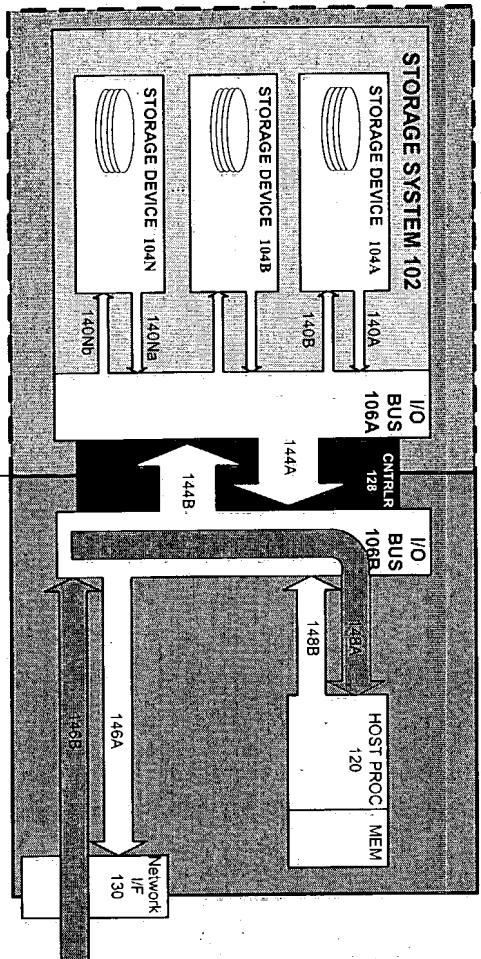


Fig. 2A

MEDIA SERVER 100

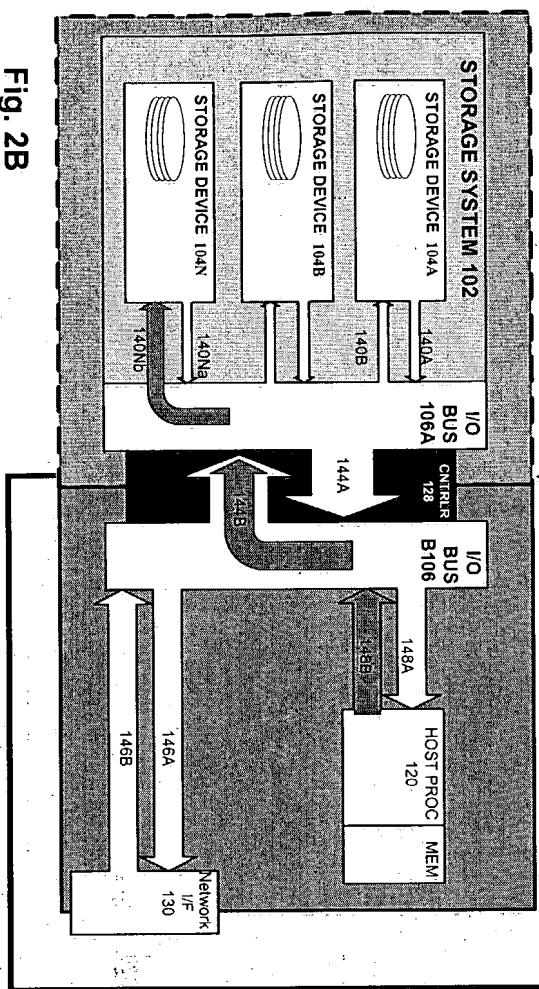


Fig. 2B

Figure 2 Prior Art: Typical Digital Media Server

## MEDIA SERVER 100

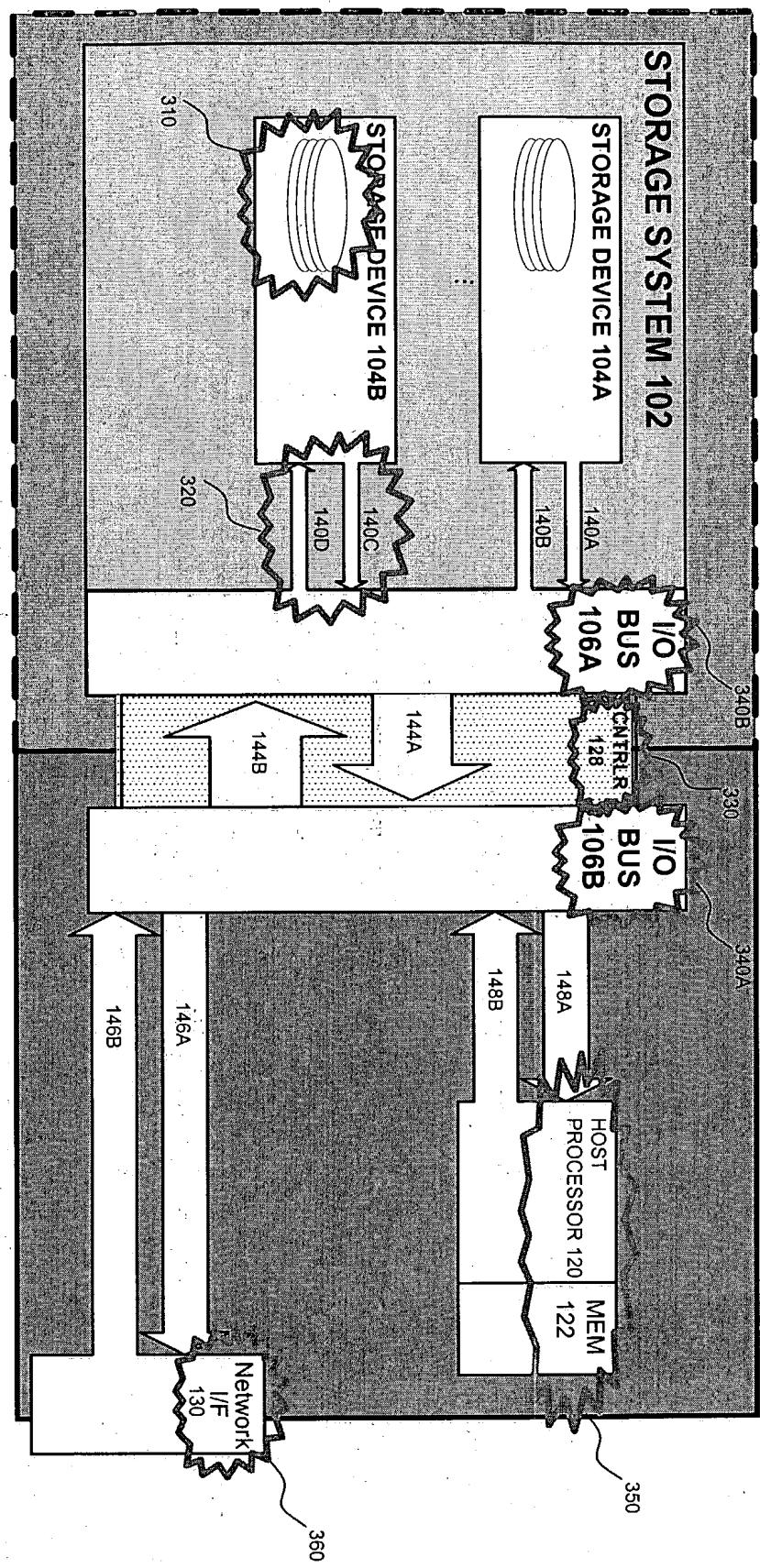


Figure 3 Potential Bottlenecks In a Typical Media Server

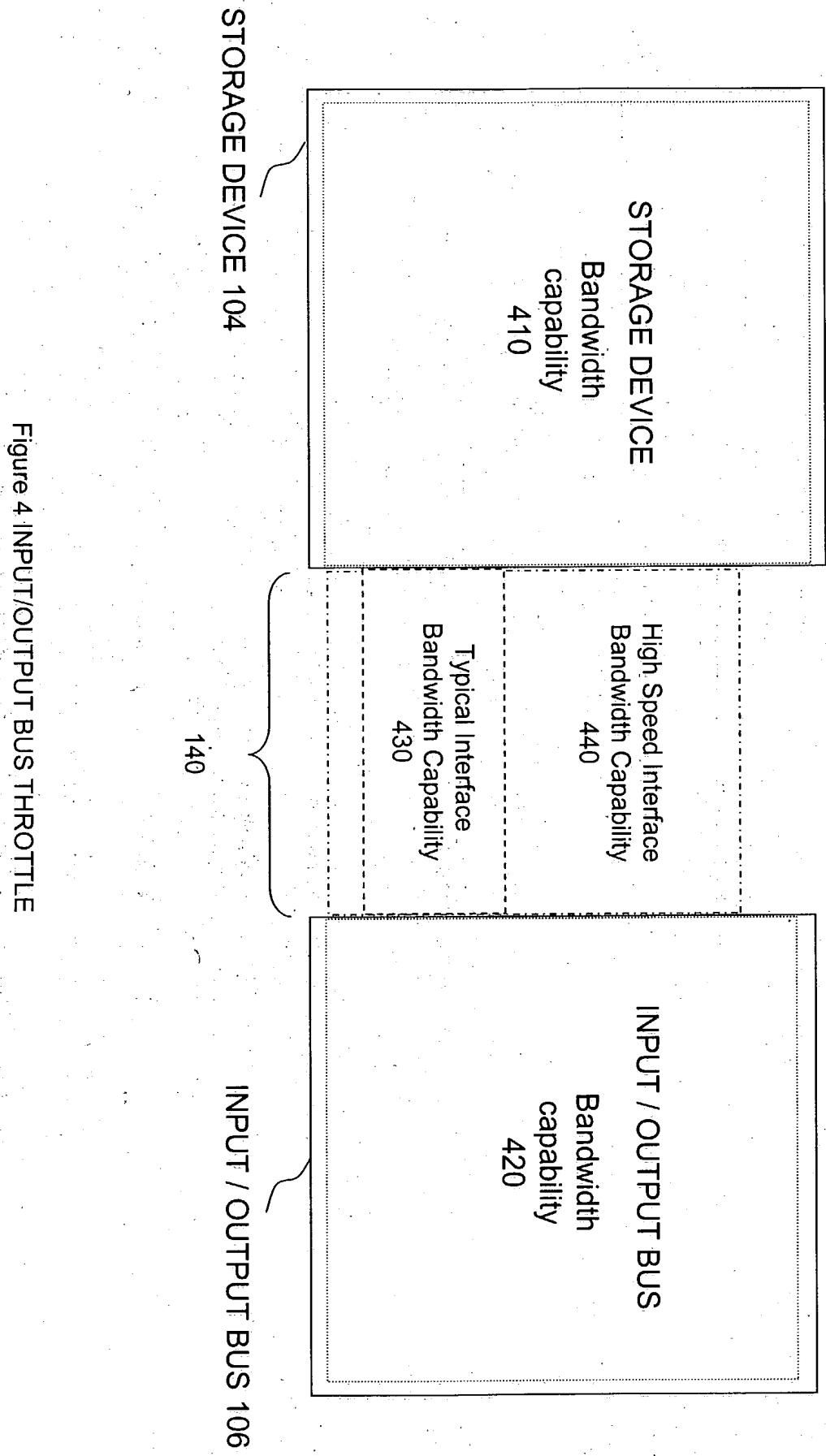
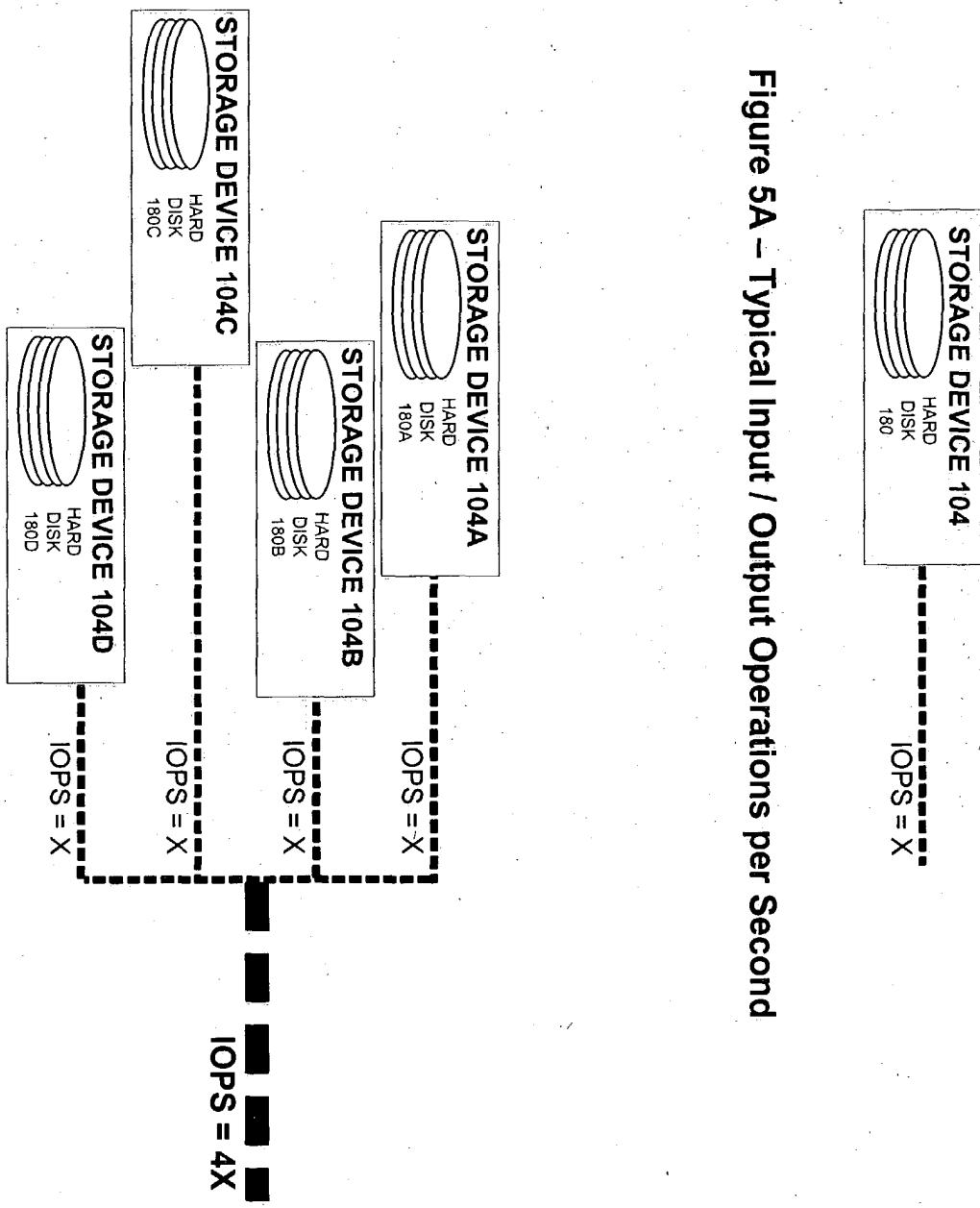


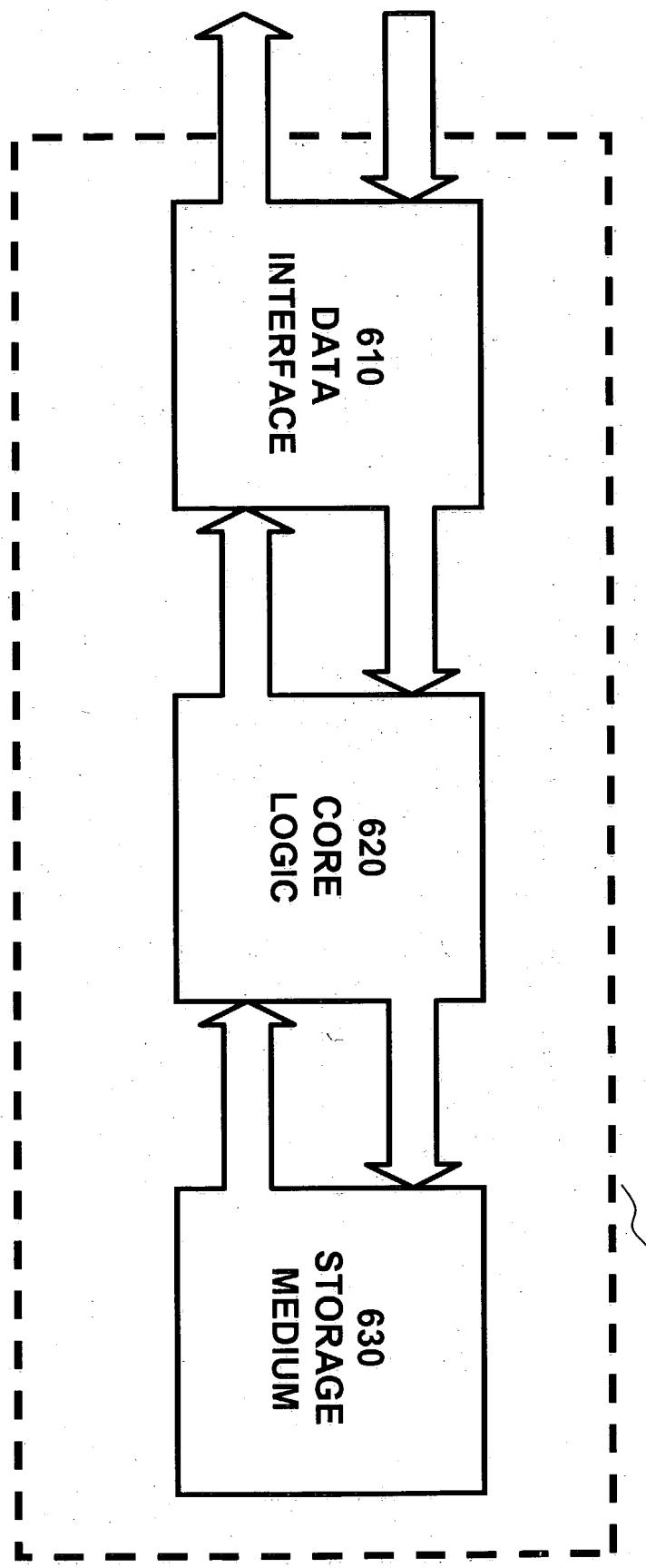
Figure 4 INPUT/OUTPUT BUS THROTTLE

**Figure 5A – Typical Input / Output Operations per Second**



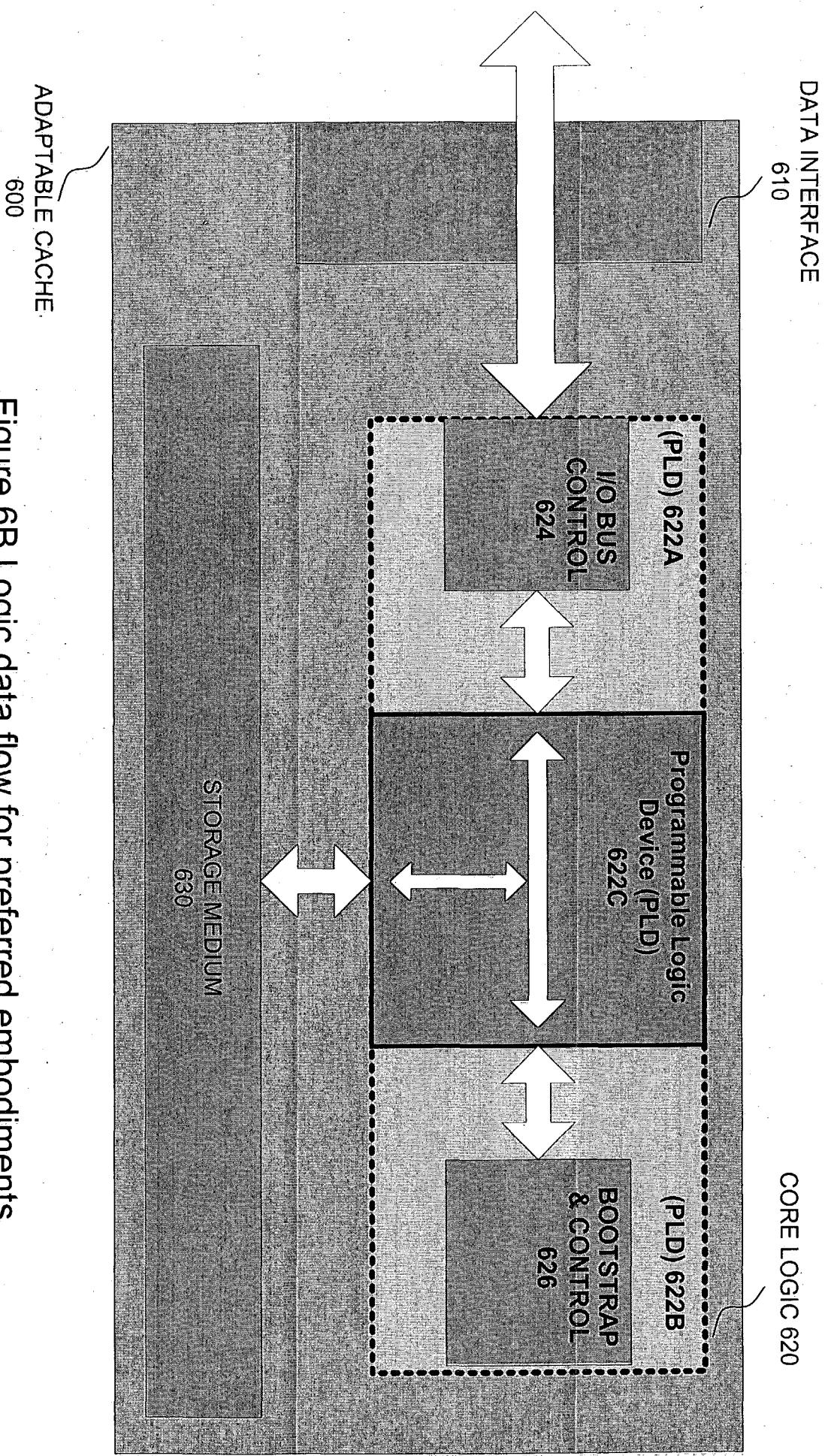
**Figure 5B – RAID Input / Output Operations per Second**

**ADAPTABLE CACHE 600**



**Figure 6A – Conceptual components of Invention**

Figure 6B Logic data flow for preferred embodiments



# MEDIA SERVER 700

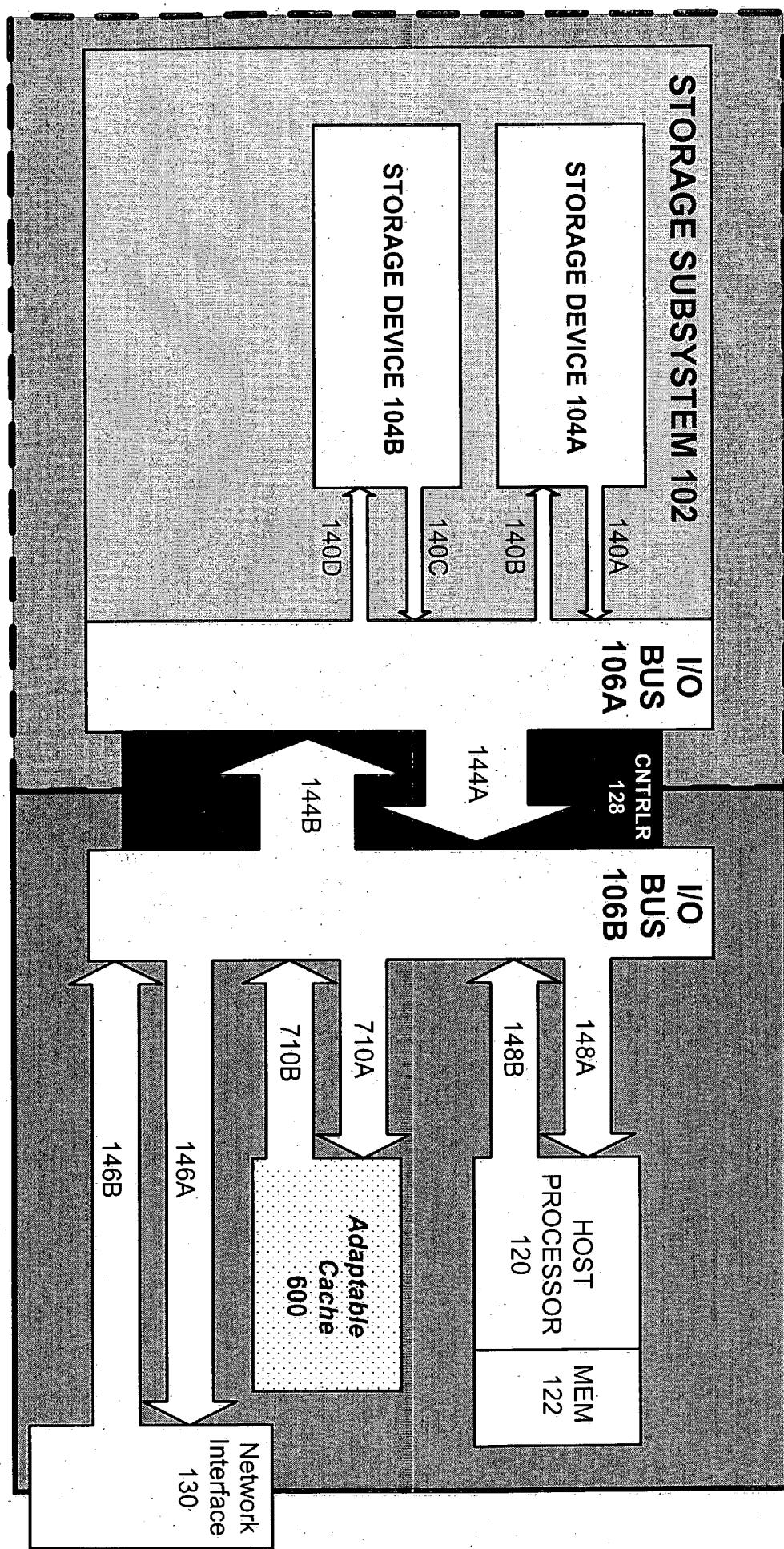
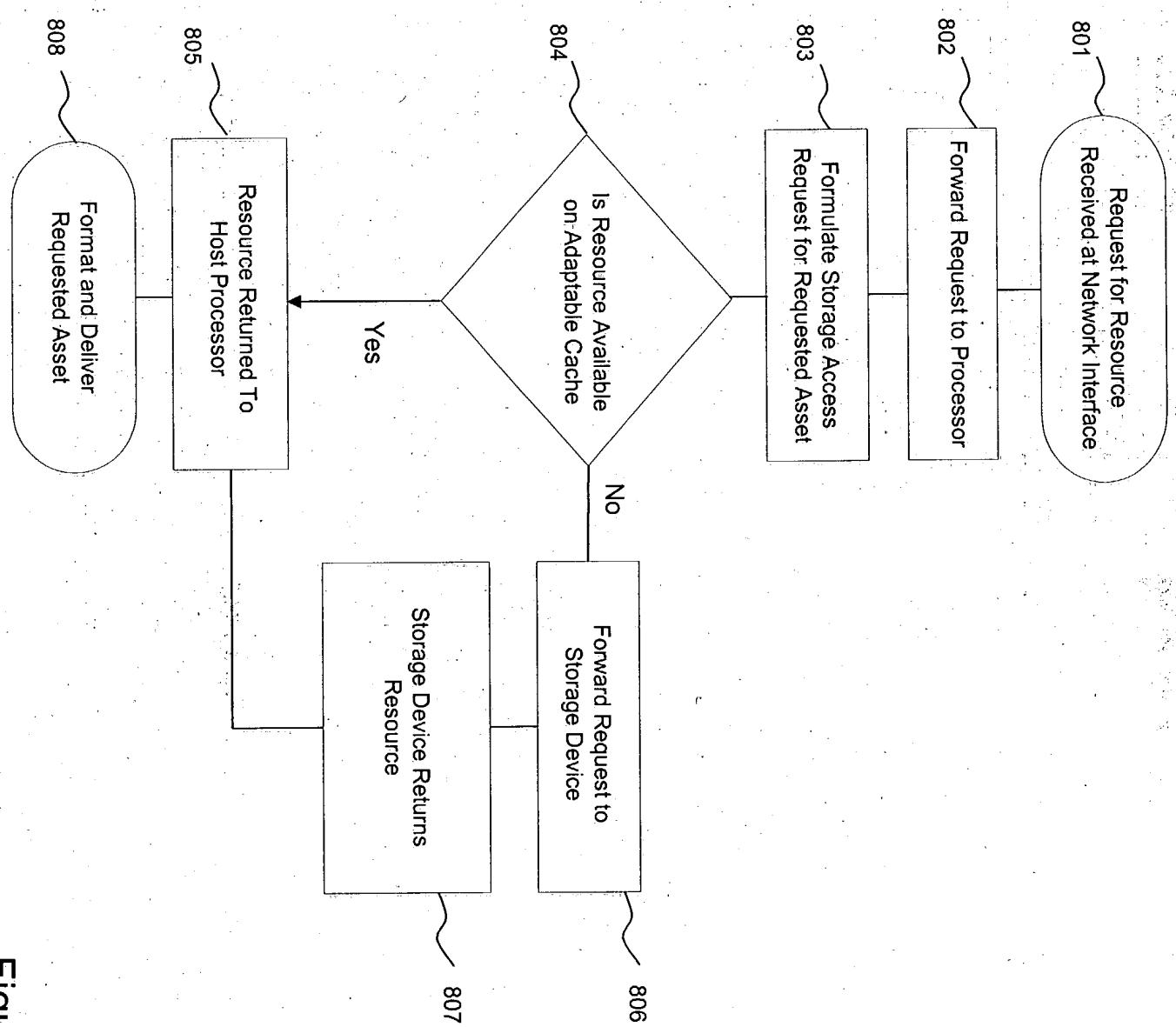
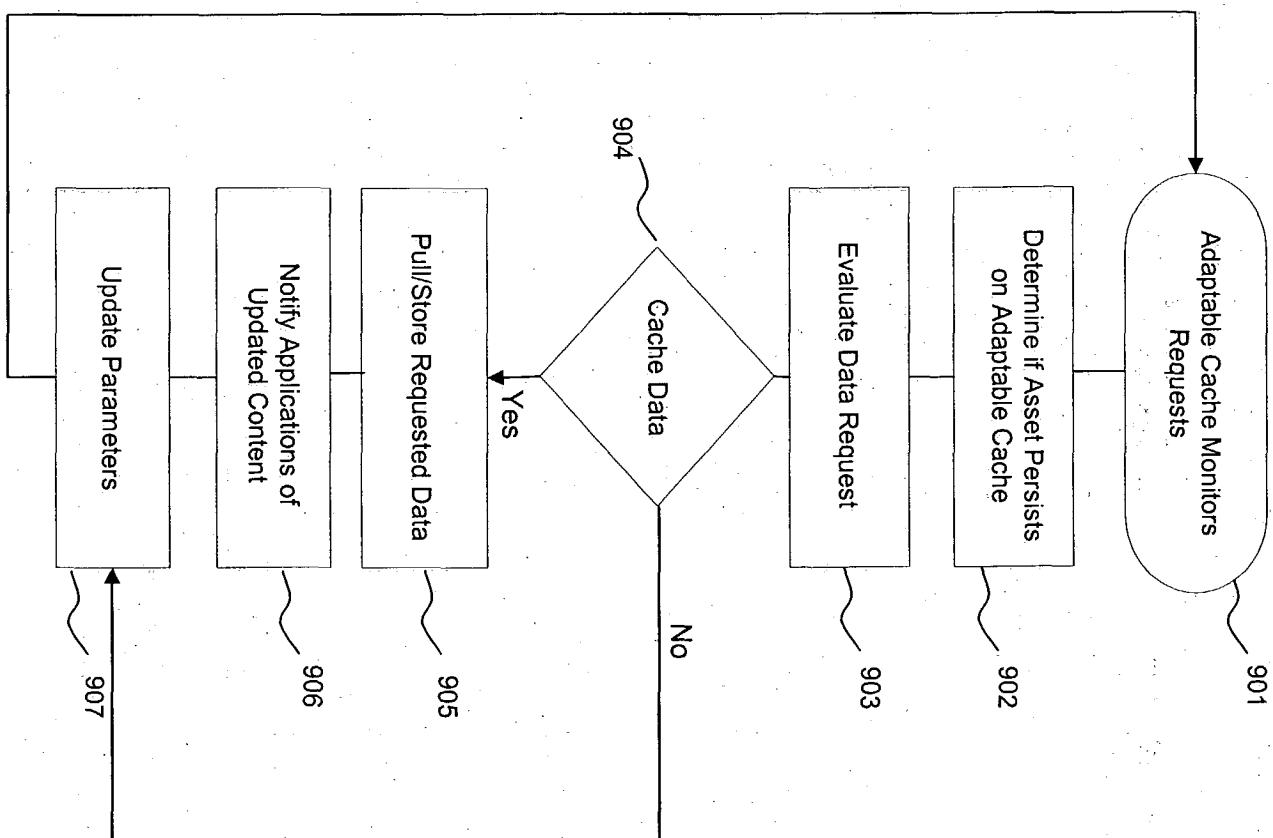


Figure 7



**Figure 8**

Figure 9



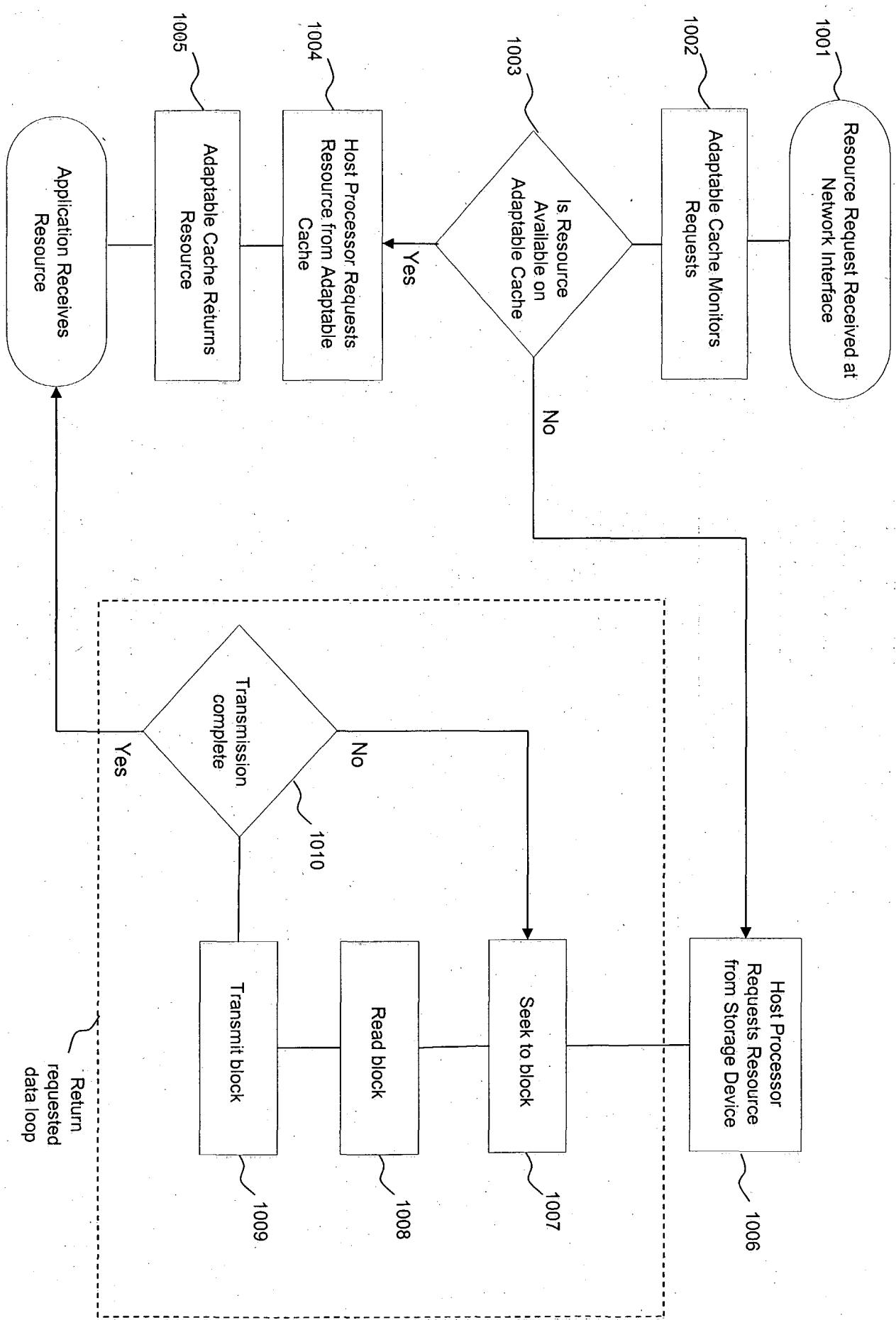


Figure 10

# MEDIA SERVER 700

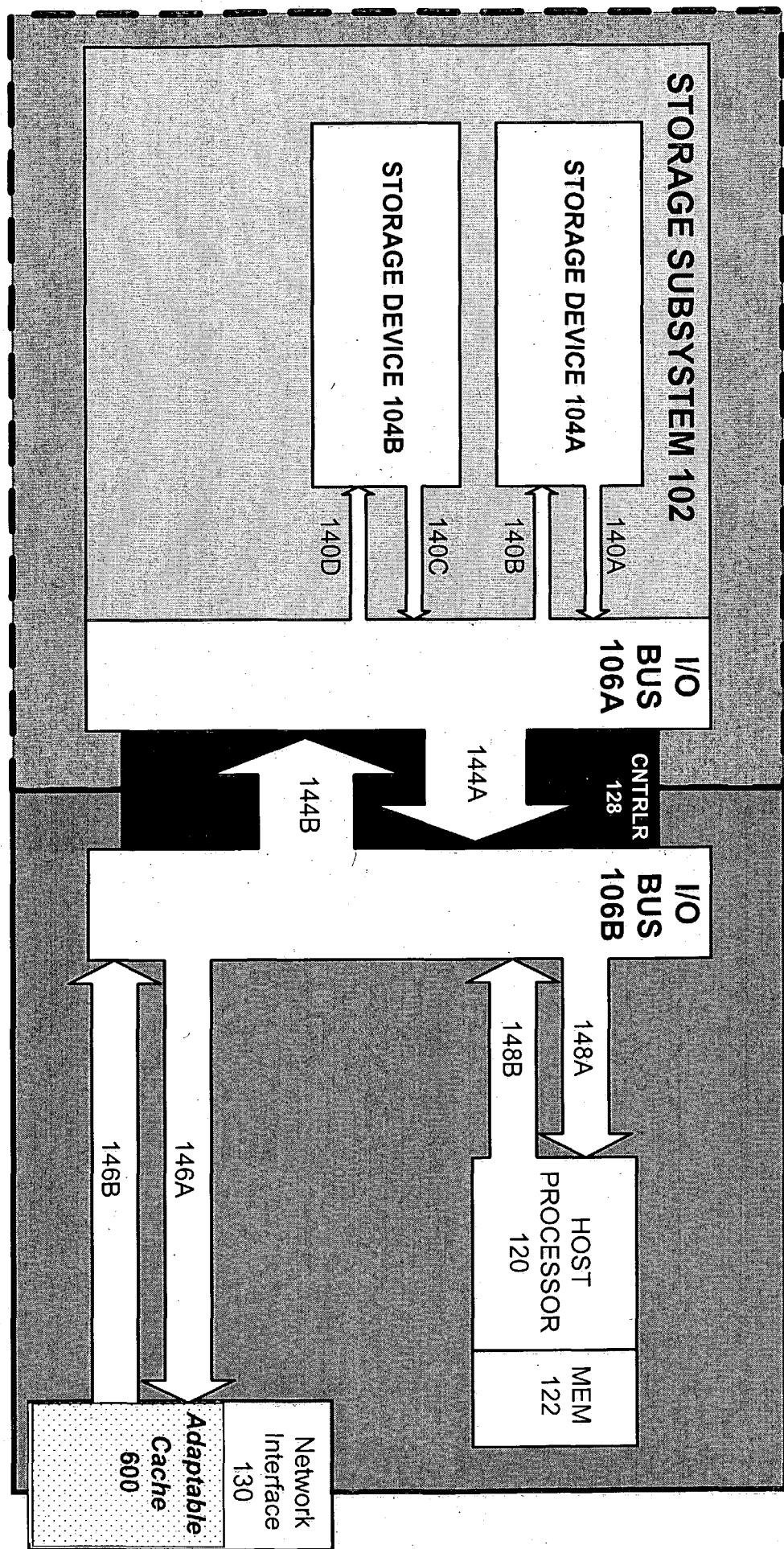


Figure 11

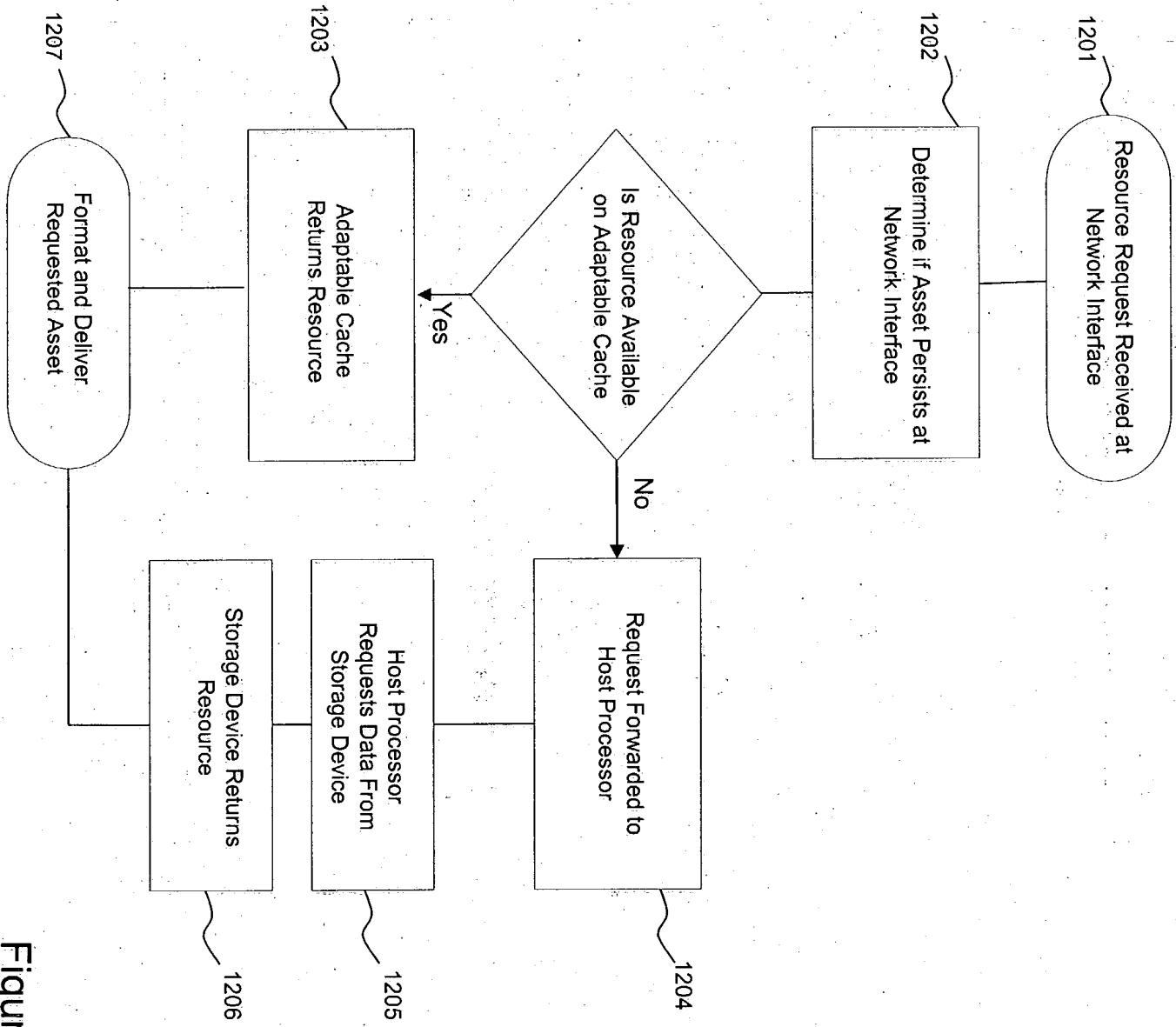


Figure 12

# MEDIA SERVER 700

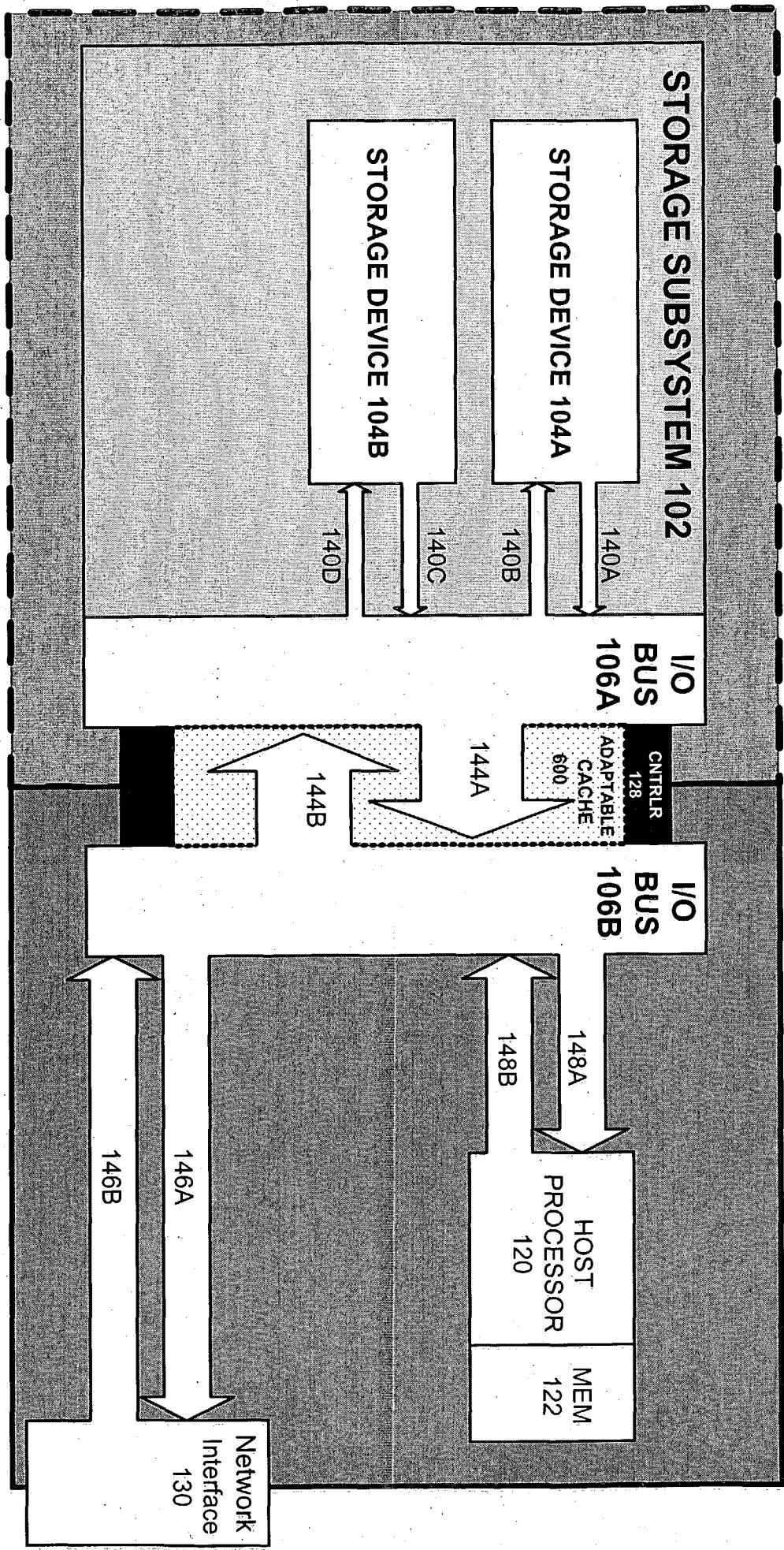


Figure 13

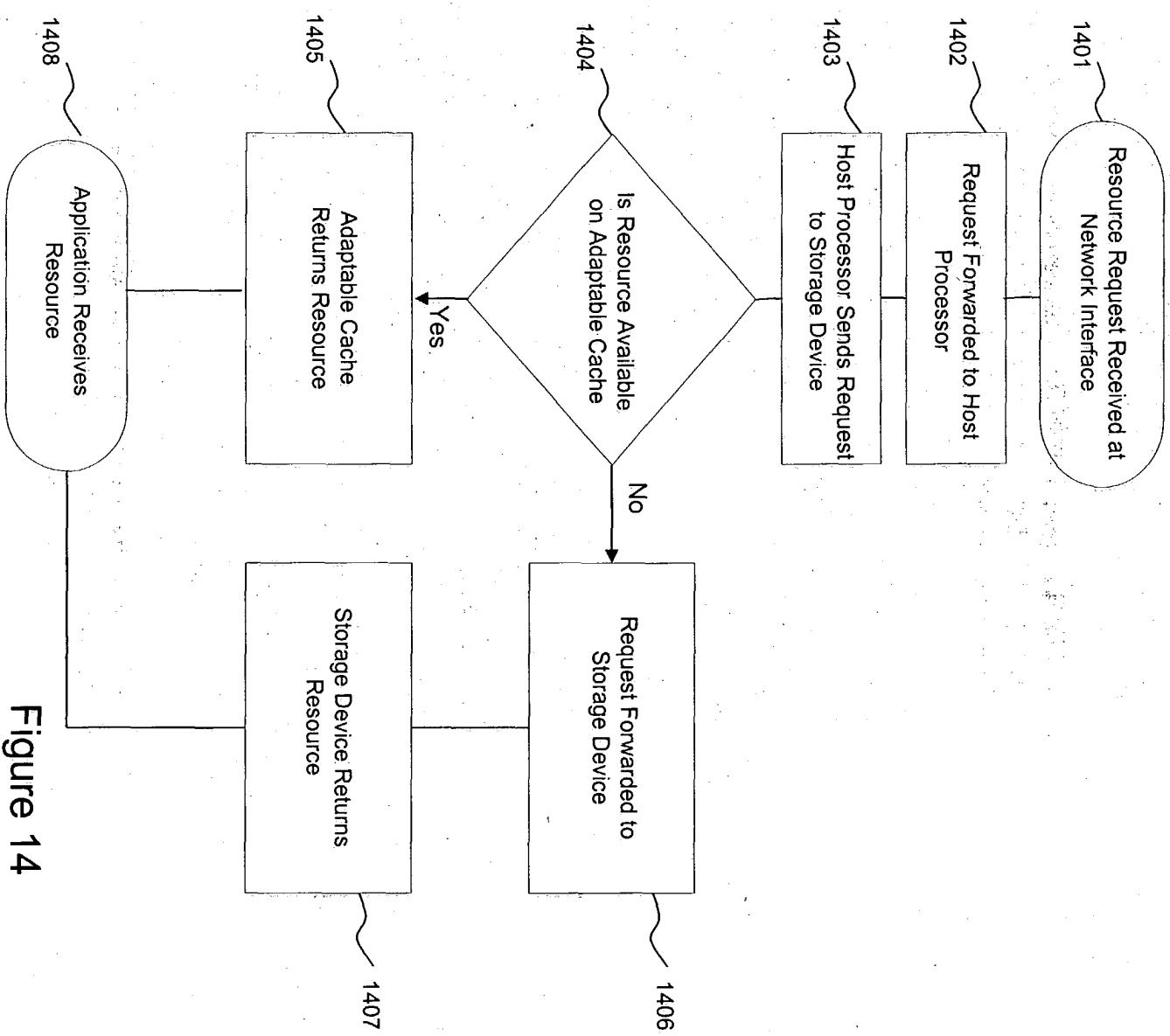


Figure 14

## MEDIA SERVER 700

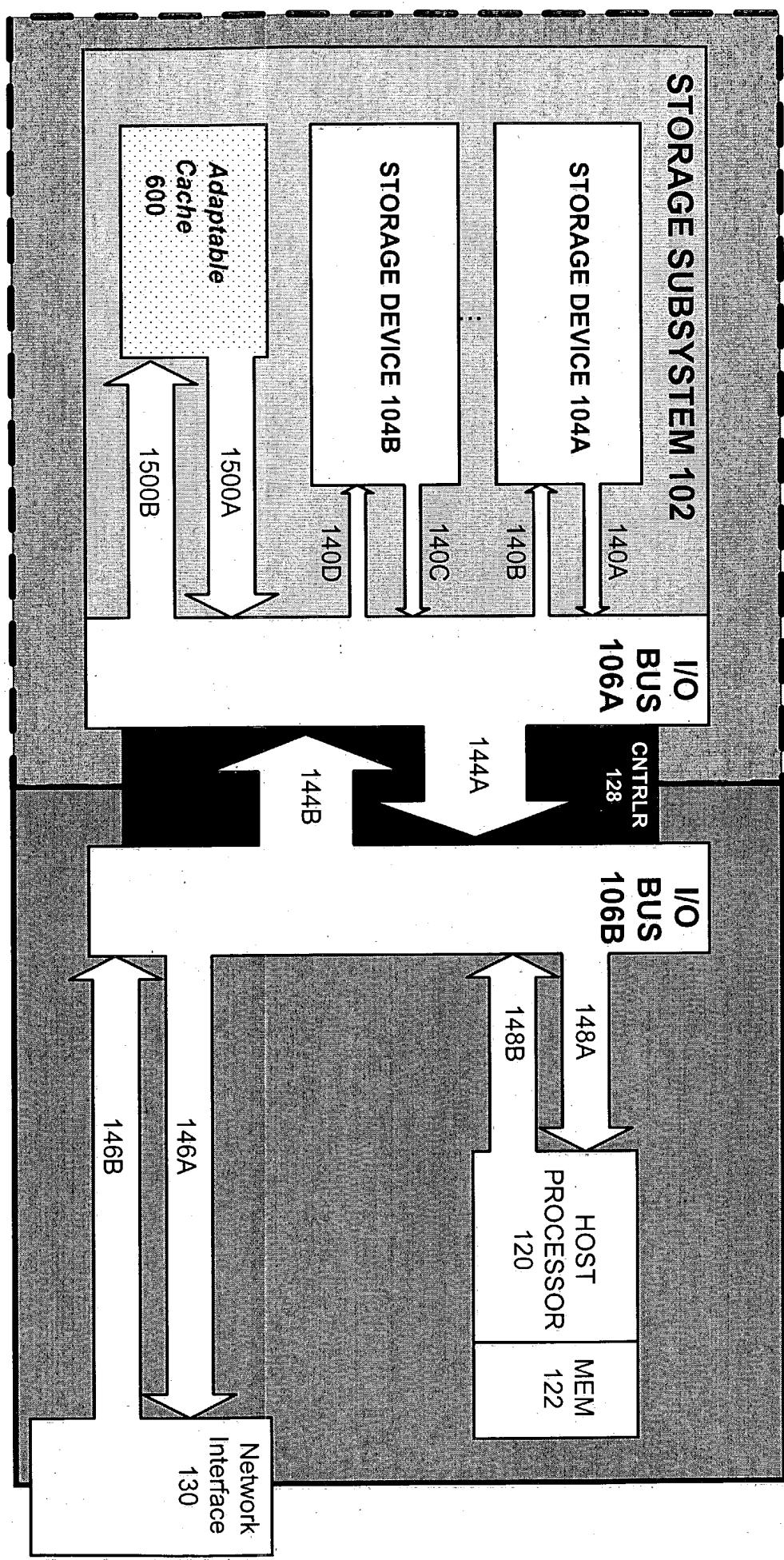
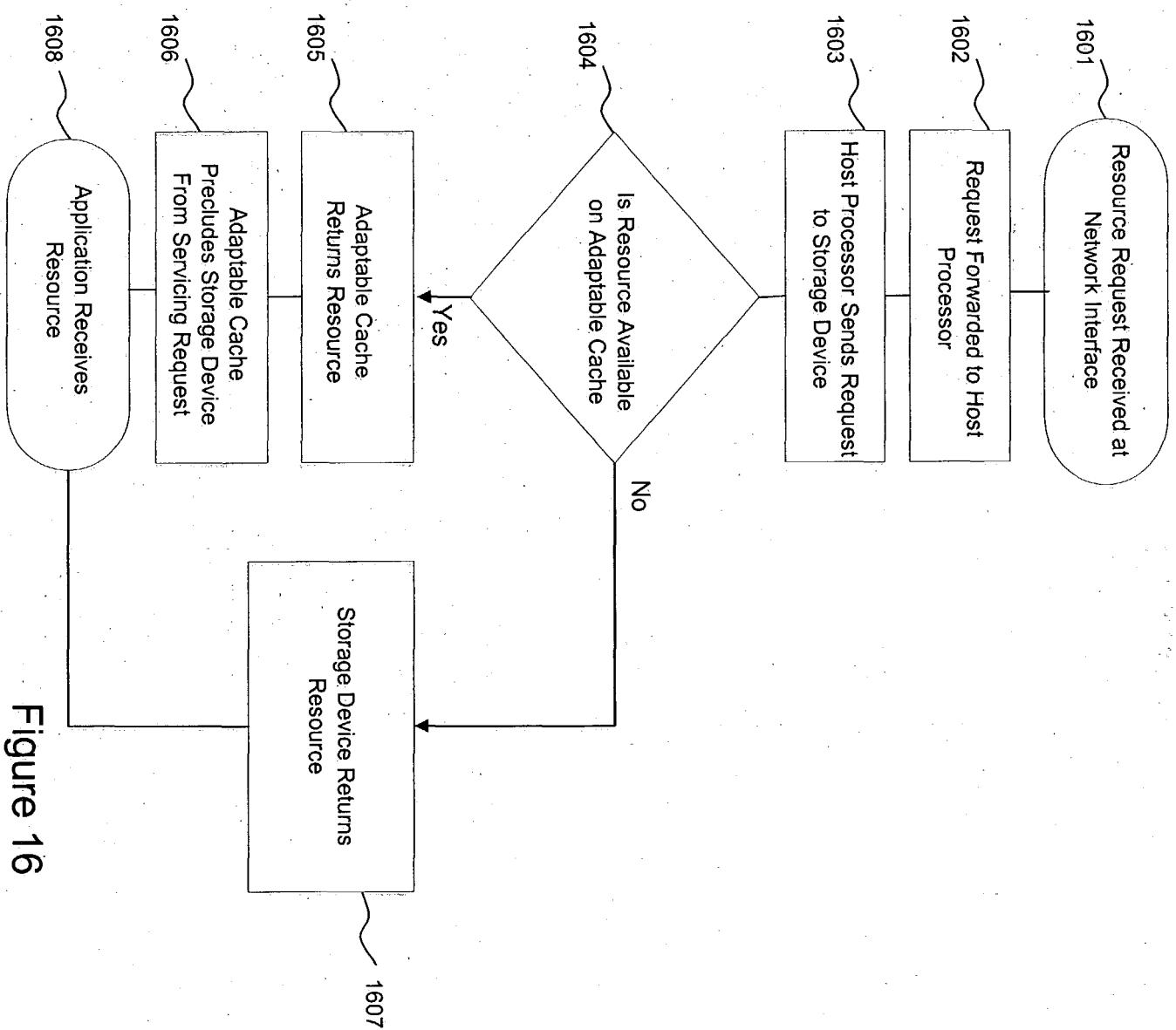


Figure 15



**Figure 16**